U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. UTILITY Attorney Docket No.

M301 Jack Chen First Inventor **Angular Position Sensor** 

PATENT APPLICATION TRANSMITTAL

Express Mail Label No. EU666505717US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Assistant Commissioner for Patents **APPLICATION ELEMENTS** ADDRESS TO: **Box Patent Application** Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages 14 (preferred arrangement set forth below) 3. Computer Readable Form (CRF) - Descriptive title of the invention b. Specification Sequence Listing on: - Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, ii. paper or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description Assignment Papers (cover sheet & document(s)) - Claim(s) Power of 37 CFR 3.73(b) Statement - Abstract of the Disclosure Attorney (when there is an assignee) English Translation Document (if applicable) 4. Drawing(s) (35 U.S.C. 113) [ Total Sheets Copies of IDS Information Disclosure Citations [ Total Pages 5. Oath or Declaration Statement (IDS)/PTO-1449 Preliminary Amendment 13. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR 16. (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) Continuation Divisional of prior application No.:\_ Group Art Unit: Prior application information: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Correspondence address below Customer Number or Bar Code Label Robert L. Marsh Name P.O. Box 4468 Address State Zip Code 60189-4468 City Wheaton Illinois 630-681-3463 630-681-7500 Fax Telephone Country USA Robert L. Marsh Registration No. (Attorney/Agent) 25894 Name (Print/Type) 1 lossele

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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PTO/SB/17 (11-01)
Approved for use through 10/31/2002. OMB 0651-0032
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## EE TRANSMITTAL for FY 2002

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 375.00

Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Jack Chen			
Examiner Name				
Group Art Unit				
Attorney Docket No.	M301			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
X Check Credit card Money Other None	3. ADDITIONAL FEES						
X Deposit Account:	Large Entity Small Entity						
Deposit Account 50-0783	Code (\$) Code (\$)	e Paid					
Number	105 130 205 65 Surcharge - late filing fee or oath						
Account Robert L. Marsh	127 50 227 25 Surcharge - tate provisional filing fee or cover sheet						
The Commissioner is authorized to: (check all that apply)	139 130 139 130 Non-English specification						
Charge fee(s) indicated below X Credit any overpayments	147 2,520 147 2,520 For filing a request for ex parte reexamination	ļ					
Charge any additional fee(s) during the pendency of this application	112 920' 112 920' Requesting publication of SIR prior to						
Charge fee(s) indicated below, except for the filing fee	Examiner action						
to the above identified deposit account.  FEE CALCULATION	113 1,840° 113 1,840° Requesting publication of SIR after Examiner action						
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month						
Large Entity   Small Entity	116 400 216 200 Extension for reply within second month						
Fee Fee Fee Fee Description	117 920 217 460 Extension for reply within third month						
0000 (0)	118 1,440 218 720 Extension for reply within fourth month						
101 740 201 370 Utility filing fee 375.0	128 1,960 228 980 Extension for reply within fifth month						
1៤7 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal						
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal						
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing						
	138 1,510 138 1,510 Petition to institute a public use proceeding						
SUBTOTAL (1) (\$) 375.00	140 110 240 55 Petition to revive - unavoidable						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	141 1,280 241 640 Petition to revive - unintentional						
Fee from Extra Claims below Fee Paid	d 142 1,280 242 640 Utility issue fee (or reissue)						
Total Claims -20** = X =	143 460 243 230 Design Issue fee						
Independent - 3** = X = =	144 620 244 310 Plant issue fee						
Multiple Dependent	122 130 122 130 Petitions to the Commissioner						
	123 50 123 50 Processing fee under 37 CFR 1.17(q)						
Large Entity   Small Entity   Fee Fee   Fee Fee   Fee Fee   Fee Fee	126 180 126 180 Submission of Information Disclosure Stmt						
Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)						
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection (37 ČFR § 1.129(a))						
104 280 204 140 Multiple dependent claim, if not pald	149 740 249 370 For each additional invention to be						
109 84 209 42 ** Reissue independent claims over original patent	examined (37 CFR § 1.129(b))						
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)						
and over original patent	169 900 169 900 Request for expedited examination of a design application						
, SUBTOTAL (2) (\$) 0	Other fee (specify)						
( 30B101AL (2)	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) ()						
**or number previously paid, if greater, For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0							

SUBMITTED BY			Complete (if applicable)		
Name (Print/Type)	Robert L. Marsh	Registration No. (Attorney/Agent)	25894	Telephone	630-681-7500
Signature	Polett I March			Date	6/20/03

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